



# MODEL G8183

## 4½" Angle Grinder Stand

### INSTRUCTION SHEET

## ⚠ CAUTION

To reduce the risk of property damage or serious personal injury when using this grinder stand, take the following precautions:

- Never attempt to start or run a grinder on this grinder stand without using the grinder blade guard.
- Never use this grinder stand unless it is fastened to a metal workbench.
- Verify that the grinder is securely mounted before every use.
- All mounting studs must be secured against the grinder. If any mounting stud is loose, do not use the grinder stand until the correct grinder can be mounted. Otherwise the grinder could work loose causing personal injury.
- Always unplug the grinder before loosening and repositioning the grinder blade guard, or when making any other adjustments or checks.
- Never modify this grinder stand.
- Never allow children to play with or near the grinder stand.
- Often inspect all stand bolts, framework, the spring, and connections for looseness, cracks, or other damage.
- Never use this grinder at a location where grinding sparks may ignite flammable materials.
- Always wear safety goggles, respirator, and hearing protection when using this grinder stand.
- Never hold a workpiece by hand when using this grinder stand. Always secure the workpiece with the vise.

## Inventory

Box 1: (Figure 1)	Qty
A. Lever Assembly .....	1
B. Base .....	1
C. Grinder Mount Assembly .....	1
D. Angle Jaw Assembly .....	1
E. Cam Jaw .....	1
F. Spark Shield Assembly .....	1
G. Lever .....	1

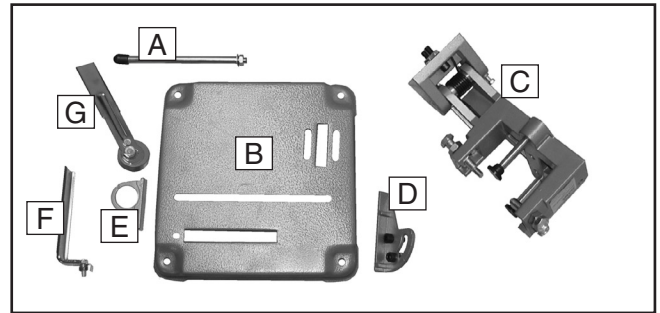


Figure 1. G8183 Inventory.

## Specifications

### Model: G8183 Angle Grinder Stand

- Maximum Grinder Size: 4½" Dia. Wheel
- Size: (L x W x H): 10" x 10" x 15"
- Net Weight: 4.7 lbs.

## Base Assembly

1. Assemble the grinder stand in the locations shown in **Figure 2**.

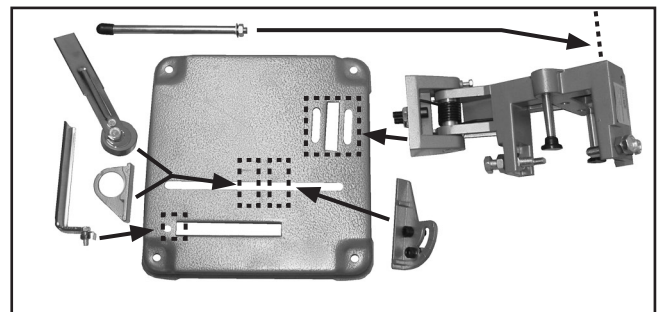
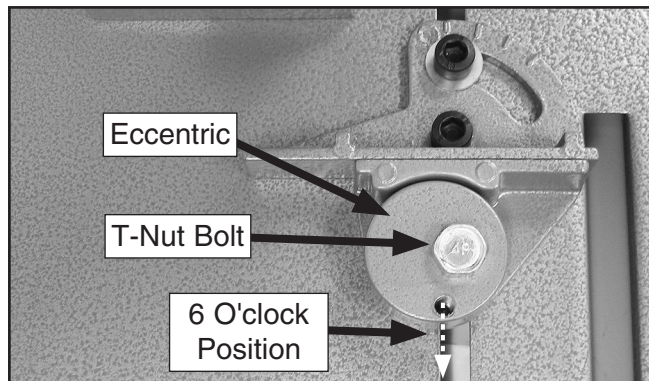


Figure 2. G8183 assembly locations.

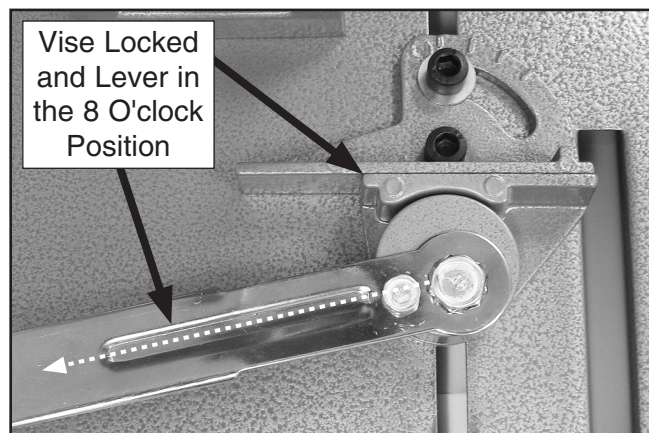
2. Remove the lever on the eccentric, loosen the T-nut bolt so it is just finger tight, then rotate the cam so the threaded hole is at the 6 O'clock position as shown in **Figure 3**.



**Figure 3.** G8183 quick lock vise.

3. Reinstall the lever, and move it to the left so the cam tightens and both vise jaws clamp together (**Figure 3**).

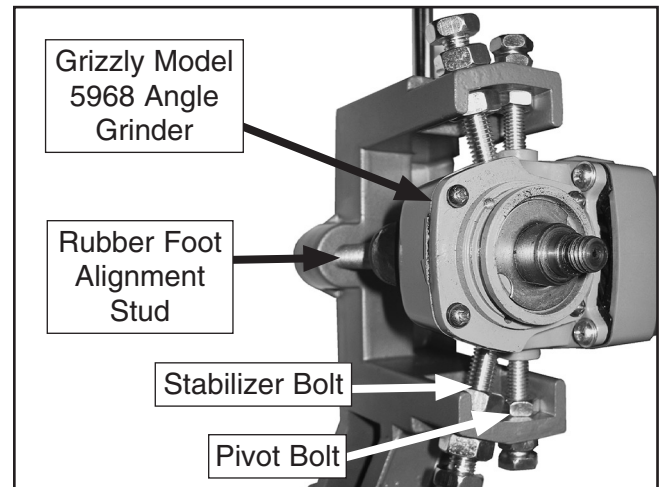
—If the lever does not clamp the vise jaws together firmly and stop approximately at the 8 O'clock position (**Figure 4**), repeat **Step 2**.



**Figure 4.** G8183 quick lock vise lever.

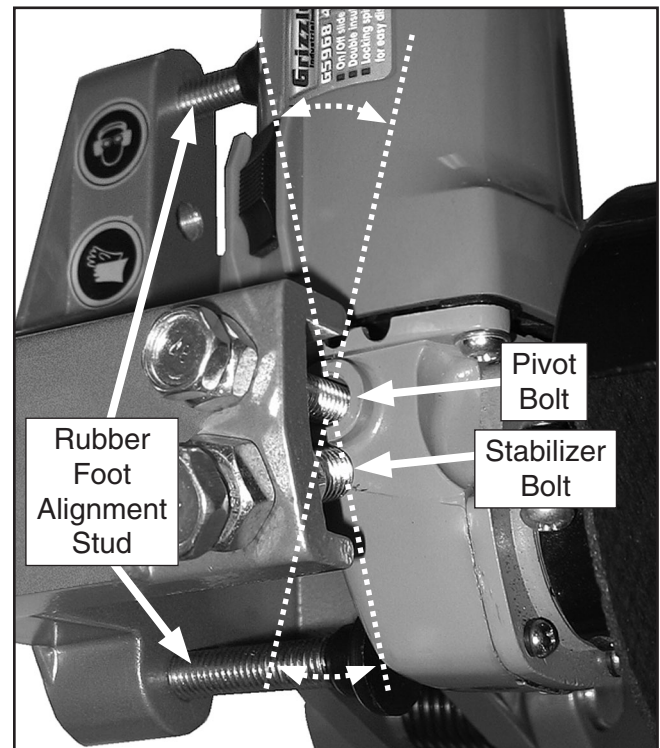
## Grinder Installation

1. Position the grinder so the abrasive blade will enter the slot in the base after the cut is made.
2. Thread both pivot bolts completely into the holes in the grinder headstock and tighten the jam nuts (**Figure 5**). **Note:** *The hole may be larger in diameter than the pivot bolts because these pivot bolts merely serve as the pivot pins for when the grinder is adjusted in **Step 5**.*



**Figure 5.** G8183 grinder mounting locations.

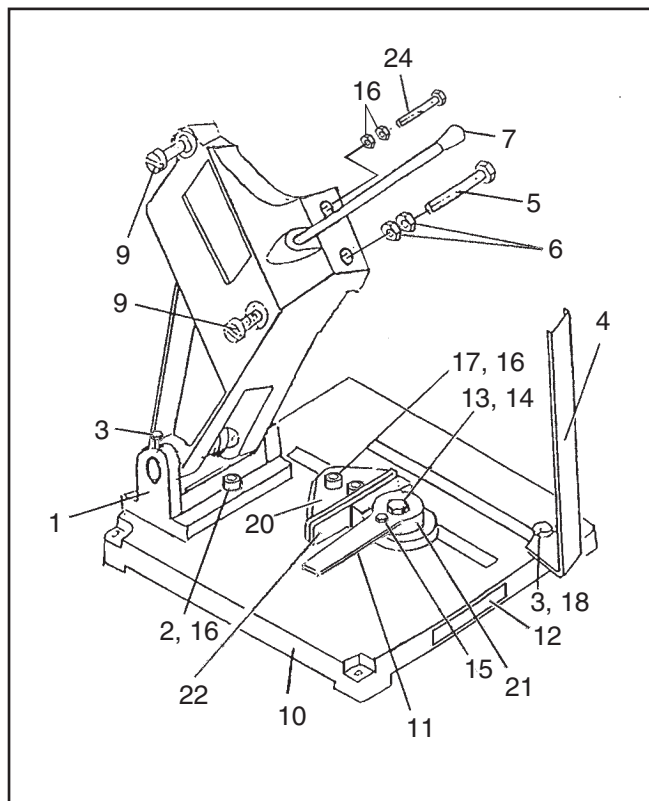
3. Finger tighten both stabilizer bolts against the grinder headstock casting (**Figure 5**).



**Figure 6.** G8183 grinder alignment.

4. Adjust the grinder blade guard so when the cut will be made, the guard is tilted for maximum user protection from sparks. Refer to your grinder owner's manual for guard positioning and spark safety requirements.
5. Alternately thread both of the rubber-foot alignment studs against the grinder body to pivot the grinder into alignment for straight cuts (**Figure 6**).

## Parts



REF	PART #	DESCRIPTION
1	P8183001	GRINDER MOUNT ASSEMBLY
2	PSB13M	CAP SCREW M8-1.25 X 30
3	PB18M	HEX BOLT M6-1 X 15
4	P8183004	SPARK SHIELD
5	PB116M	HEX BOLT M10-1.5 X 45
6	PN02M	HEX NUT M10-1.5
7	P8183007	LEVER
9	P8183009	STUD W/RUBBER FOOT
10	P8183010	BASE
11	P8183011	LEVER
12	P8183012	WARNING LABEL
13	PB26M	HEX BOLT M8-1.25 X 30
14	P8183014	T-NUT M8-1.25
15	PB04M	HEX BOLT M6-1 X 10
16	PN03M	HEX NUT M8-1.25
17	PSB14M	CAP SCREW M8-1.25 X 20
18	PN01M	HEX NUT M6-1
20	P8183020	ANGLE JAW
21	P8183021	ECCENTRIC
22	P8183022	CAM JAW
24	PB118M	HEX BOLT M8-1.25 X 45

## Accessories

**G5968—4" Angle Grinder.** This Angle Grinder features a double insulated motor, a lightweight design, and a locking spindle button for easy disc changes. The spindle reaches 11,000 RPM and is equipped with a 10 x 1.5mm arbor. The grinder weighs 6 lbs.



Figure 7. G5968 Grizzly angle grinder.

**G7397—4" Cutoff Wheel.** This type 1 aluminum oxide 60 grit cutoff wheel is what you will need for the Grizzly G5968 4" angle grinder. For other grinders, you may need one of the following:

MODEL	SIZE	BORE	GRIT
G7396	3" x 1/32"	1/4"	60
G7397	4" x 1/32"	3/8"	60
G7398	4" x 1/16"	1/2"	60
G7399	4 1/2" x 1/16"	7/8"	60

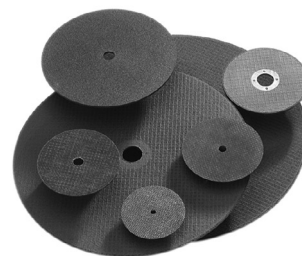


Figure 8. Grizzly cutoff wheels.

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